PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220
F-901-P	ACTION as we	ll as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/JP2004/019824	27/12/2004	16/01/2004
Applicant		
TOYOTA JIDOSHA KABUSHIKI	KAISHA	
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this International Searching Au ansmitted to the International Bureau.	thority and is transmitted to the applicant
This International Search Report consists	of a total of sheets.	
	a copy of each prior art document cited in thi	s report.
Basis of the report a. With regard to the language, the language in which it was filed, un	international search was carried out on the balless otherwise indicated under this item.	asis of the international application in the
The international this Authority (Ru		slation of the international application furnished to
b. With regard to any nucle	otide and/or amino acid sequence disclosed	d in the international application, see Box No. I.
2. Certain claims were fou	nd unsearchable (See Box II).	
3. Unity of invention is lac	king (see Box III).	
4. With regard to the title,	·	
X the text is approved as su	ibmitted by the applicant.	
the text has been established	shed by this Authority to read as follows:	•
		•
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	•	•
5. With regard to the abstract, the text is approved as su	hmitted by the applicant	·
· ·		ity as it appears in Box No. IV. The applicant
may, within one month from	om the date of mailing of this international sea	rch report, submit comments to this Authority.
6. With regard to the drawings,		
a. the figure of the drawings to be p	oublished with the abstract is Figure No6_	
X as suggested by		
<u></u>	s Authority, because the applicant failed to su	
·	s Authority, because this figure better charact	erizes the invention.
b none of the figures is to b	e published with the abstract.	·

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/019824

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The present invention provides a tandem pressing apparatus which can shorten the conveying distance and the conveying time without increasing conveying speed of the work. A tandem pressing apparatus of the present invention is comprised of a tandem pressing line constructed by plural tandem presses 10 and 20 disposed side by side, and a work conveying apparatus 70 including a main member and an arm portion. Each of the tandem press includes a bed, 11, plural uprights 13a to 13d studded on the bed, and a slide 15 supported on the uprights to be ascended or descended. The main member 62 and 63 is provided at a portion located inside the uprights of the adjacent two tandem presses constructing the tandem pressing line and does not interfer with the slide. The arm member 65 held on the main member to transfer the work having been pressed by the upstream tandem press to the downstream tandem press.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B21D43/05 B21D43/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

0-4	Citation of degree at with indication, where engaged of the relevant energine	·Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Tielevant to Citairi 140.
X	EP O 930 110 A (MUELLER WEINGARTEN AG) 21 July 1999 (1999-07-21) paragraphs '0011! - '0015!; figures	1-11
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A	abstract -/	2-11

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed 	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 29 April 2005	Date of mailing of the international search report $20/05/2005$
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Meritano, L

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